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DECLARATION FOR UTILITY OR

DESIGN

Attorney Docket Number

First Named Inventor

DE	Ravi Tangirala COMPLETE IF KNOWN									
PATENT APPLICATION										
(37 CI	Application Number									
X Declaration Submitted OR With Initial	Declara		Filing Date		Herewi	th				
	Filing (s	ted after Initial surcharge	Art Unit							
Fining	Filing (37 CFR 1.16 (e)) required)			Examiner Name						
I hereby declare that:										
Each inventor's residence, ma	ilina address a	and citizonship are	as stated b	alaw nave ta t	hair nama					
I believe the inventor(s) name which a patent is sought on the	d below to be to e invention enti	he original and first itled:	: inventor(s)	of the subject	ct matter wh	nich is claim	ed and for			
METHODS AND SYS	TEMS FOR	FINE GRAIN	BANDW	IDTH ALI	OCATIO	N IN A S	WITCHED			
		NETWORK	ELEME	NT						
		(Title of the	Invention)							
the specification of which										
X is attached hereto										
OR										
			7							
was filed on (MM/DD/Y	as United States Application Number or PCT International									
Application Number		and was amende	d on (MM/i	OD/YYYY)		(if applicable).				
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims						ne claims as				
amended by any amendment	specifically refe	rred to above.	J. 4.10 4.50	70 100 minou c	pcomodaori,	moraumy a	ic ciairis, as			
I acknowledge the duty to di continuation-in-part applicatio and the national or PCT intern	ns, material inf national filing da	ormation which beate of the continuati	came avail ion-in-part a	able between application.	the filing d	ate of the p	orior application			
I hereby claim foreign priority	benefits unde	r 35 U.S.C. 119(a))-(d) or (f),	or 365(b) of	any foreig	n application	n(s) for patent,			
inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign										
application for patent, inventor before that of the application of	's or plant bree	eder's rights certifica	ate(s), or a	ny PCT interr	national app	lication havi	ng a filing date			
Prior Foreign Application		Foreign Filing		Prio		Certified C	opy Attached?			
Number(s)	Country	(MM/DD/YY	YY)	Not Cla	imed	Yes				
					}					
]					
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Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. [Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	X Customer Number:			5297	7 OR			Correspondence address below			
Name											
Address	-										
City			State				ZIP				
Country	Telephone		Fax								
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.											
NAME OF SOLE OR FIRST INVENTOR: A petition has been filed for this unsigned inventor.											
Given Name (first and middle [if any]) Ravi					Family Name or Surname Tangirala						
Inventor's Signature									Date		
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NAME OF SECOND INVENTOR:					A petition has been filed for this unsigned inventor						
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(first and middle [if any]) Meera				or Surname Kasinathan							
Inventor's Signature				Date			Date				
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San Jose	CA				95117				US		
X Additional inventors or a legal representative are being named on the1_supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.											

PTO/SB/02A (08-03)

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DECLARATION	Suppleme	ntal SI	neet	Page	of <u>1</u>				
Name of Additional Joint Inventor, if any:	<u>.</u>	A petition has been filed for this unsigned inventor							
Given Name (first and middle (if any)		Family Name or Surname							
Rajarshi		Gupta							
Inventor's Signature					Date				
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Name of Additional Joint Inventor, if any:		☐ A pe	tition h	as been filed for this	s unsigned in	ventor			
Given Name (first and middle (if any)			Family Name or Surname						
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Inventor's Signature		Date							
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Mailing Address				•					
City Palo Alto	State	CA		Zip 94303	Country	US			
Name of Additional Joint Inventor, if any:		☐ A pe	tition h	as been filed for this	s unsigned inv	ventor			
Given Name (first and middle (if any)		A petition has been filed for this unsigned inventor Family Name or Surname Chueh Date State CA Country US Citizensh State CA Zip 94303 Country US A petition has been filed for this unsigned inventor Family Name or Surname Date							
Inventor's Signature		Date							
Residence: City	State	•		Country		Citizenship			
Mailing Address									
Mailing Address									

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